

**CITY OF MOUNTAIN VIEW
CLASS SPECIFICATION**

Position Title: Telemetry Technician	Job Family: 6
General Classification: Front-Line	Job Grade: 24

Definition: To maintain and operate telemetry, motor control and pumping systems for the water/wastewater systems.

Supervision Received and Exercised: Receives general supervision from the Senior Utilities Supervisor. May exercise technical supervision over assigned maintenance personnel.

Examples of Duties: Duties may include, but are not limited to, the following:

1. Test and calibrate transmitters and receivers, test other electrical components of the telemetry system and record data concerning system operation.
2. Trace and locate component failures and perform related troubleshooting tasks.
3. Perform routine maintenance, repair and renovation tasks on electrical control circuits, boosters, surge-control valve, pressure-regulating valves, altitude valves and miscellaneous equipment in pumping stations.
4. Maintain records related to duties performed.
5. Inspect, repair and maintain complex mechanical equipment.
6. Clean, replace and repair pumps; adjust, repair and maintain a variety of small, motorized equipment.
7. Clean and calibrate measuring devices and regulators of pressure and flow telemetry including receivers, programmable contracontrollers and transmitters.
8. Respond to after-hour emergencies and other duties within the Utilities Department.
9. Perform related duties as assigned.

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Minimum Qualifications:

Knowledge of: Principles of electronics, electricity, telemetry systems, and occupational hazards and safety precautions; principles of water hydraulics and distribution system operations; water sampling techniques; principles of performing instrumentation; techniques and procedures for maintaining and performing repairs on electrical control systems, mechanical control systems, hydraulic control valves, pump mechanics for pressurized domestic water systems, wastewater systems and storm water systems; and principles and practices of safety related to areas of assignment.

Ability to: Read electrical schematics and water distribution system maps; operate and maintain telemetry and related equipment; communicate clearly and concisely, both orally and in writing; maintain, operate and repair pumps, motors, engines, electrical wiring and specialized electrical and mechanical equipment; proper use and care of tools; codes, policies, regulations and procedures related to the operations of a telemetry system for water and wastewater; and establish and maintain effective working relationships with those contacted in the course of work.

Experience and Training Guidelines: Any combination of experience and training will qualify if it provides for the required knowledge and abilities.

Recommended: Five years experience in the maintenance, operation and repair of pumps, motors, electrical wiring and specialized electrical and mechanical equipment. Training equivalent to the completion of the 12th grade.

Required Licenses or Certificates: Possession of a valid California Class C driver's license. Possession of the CWPCA Grade 2 Electrical/Instrumentation Technology Certificate at time of appointment. CWPCA Grade 1 Collection System Maintenance Certificate and State of California Department of Health Services Grade 1 Water Treatment Operator Certificate within one year of appointment.

Working Conditions: Preemployment and periodic respiratory examinations may be required for this classification.

Established October 1991

Revised May 1995

CLASS SPECS

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